

RECEIVED  
CENTRAL FAX CENTER  
JUL 11 2008

Attorney Docket No. 101792-200  
U.S. Serial No. 10/077,727  
Page 2 of 7

### AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Complete Listing of Claims:**

1. Canceled
2. (Currently Amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell and a core, said core consisting essentially of ~~substantially insoluble surface oxidized copper powder, a copper-containing compound selected from the group consisting of surface oxidized copper powder, cuprous oxide, copper hydroxide,~~ and combinations thereof, and said shell consisting essentially of a copper pyrithione formed by reaction of pyrithione acid or a water-soluble salt of pyrithione with a portion of copper in said core, wherein said copper-containing compound has a water solubility of no greater than about 10 ppm.
3. (Canceled)
4. (Previously Presented) The composition of claim 2 wherein said core is present in said composition in an amount of from about 99 to about 60% by weight, based upon the total weight of said composition.
5. (Canceled)
6. (Original) The composition of claim 4 wherein said copper-containing composite is present in said composition in an amount of from about 97 to about 86% by weight, based upon the total weight of said composition.

Attorney Docket No. 101792-200  
U.S. Serial No. 10/077,727  
Page 3 of 7

7. (Previously Presented) The composition of claim 2 wherein said copper pyrithione shell is present in an amount of from about 1 to about 40% by weight, based upon the total weight of said composition.

8. (Previously Presented) The composition of claim 6 wherein said copper pyrithione shell comprises from about 2 to about 20% by weight, based on the total weight of said composition.

9. (Previously Presented) The composition of claim 7 wherein said copper pyrithione shell comprises from about 3 to about 14% by weight, based on the total weight of said composition.

10. (Cancelled)

11. (Previously Presented) The composition of claim 41 wherein said fatty acid is selected from the group consisting of stearic, oleic, glycerol, and combinations thereof.

Claims 12 – 34 (Cancelled)

35. (Previously Presented) The composition of claim 2 wherein the core material is copper I oxide and the shell is copper II pyrithione.

36. (Previously Presented) The composition of claim 35 wherein the weight ratio of copper oxide to copper pyrithione is from 5:1 to 15:1, and a coating diameter is about 1% of the particle.

37-39. (Cancelled)

40. (Previously Presented) The composition of claim 2, wherein the copper pyrithione and the core are present within a weight range of ratios from 1:20 to 20:1 of copper pyrithione relative to the core.

Attorney Docket No. 101792-200  
U.S. Serial No. 10/077,727  
Page 4 of 7

41. (Currently Amended) A biocidal composition comprising composite particles, each of said composite particles containing a shell, a core and a fatty acid coating on said shell, said core consisting essentially of ~~substantially insoluble surface oxidized copper powder~~, a copper containing compound selected from the group consisting of surface oxidized copper powder, cuprous oxide, copper hydroxide, and combinations thereof, and said shell consisting essentially of a copper pyrithione formed by reaction of pyrithione acid or a water-soluble salt of pyrithione with a portion of copper in said core, wherein said copper containing compound has a water solubility of no greater than about 10 ppm.